

PTO/SB/08A (08-03)

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					Application Number	Not Yet Accorded 10/53	14611
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					First Named Inventor	Kannan Ramanathan	
٤	STATEMEN				Art Unit	Not Yet Accorded	
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Sheet	1	of		1	Attorney Docket Number	NREL IR 02-29	J

Examiner	Cite	Document Number	Publication Date	NT DOCUMENTS Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.'	Number-Kind Code 2 (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
	1	us- 6,355,874 B1	03/12/2002	Yagi et al.	
	2	us 6,040,521	03/21/2000	Kushiya et al.	
	3	us- 4,751,149	06/14/1988	Vijayakumar et al.	
	4	us 5,990,416	11/23/1999	Windisch, Jr. et al.	
	5	us US2002/0043279 A1	04/18/2002	Karg et al.	
	6	us 5,474,939	12/12/1995	Pollock et al.	
	7	us 6,458,673 B1	10/01/2002	Cheung	
	8	us- 4,335,266	06/01/1982	Mickelsen et al.	
	9	us- 4,612,411	09/16/1986	Weiting et al.	
	10	us 6,346,184 B1	02/12/2002	Sano et al.	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MIM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	Π
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NREL IR 02-29

Substitute for form 1449/PTO				Complete if Known			
				Application Number	Not Yet Accorded	10/53421	
			CLOSURE	Filing Date	Not Yet Accorded		
STATEMENT BY APPLICANT				First Named Inventor	Kannan Ramanathan		
	(Use as many sheets as necessary)			Art Unit	Not Yet Accorded		
	-	-		Examiner Name	Not Yet Accorded		
Sheet	2	of	2	Attorney Docket Number	NIDEL ID 02 20		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.'	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T'
	1	Tomar, M.S. and Garcia, F.J., "A ZnO/p-CuInSe2 Thin Film Solar Cell Prepared Entirely by Spray Pyrolysis," Thin Solid Films, 90 (1982), pgs. 419-423.	
	2	"Chemical Vapor Deposited Copper Indium Diselenide Thin Film Materials Research" Final Report, March 1984, SERI/STR-211-2247.	
	3	Terheggen et al., "Ga2O3 segregation in Cu(In, Ga)Se2/ZnO superstrate solar cells and its impact on their photovoltaic properties.	
	4	Ramanathan et al., "Surface Treatment of CuInGaSe2 Thin Films and Its Effect on the Photovoltaic Properties of Solar Cells" In: National Renewable Energy Laboratory conference paper preprint. NREL: Colorado, October 2002, pgs. 1-6, especially page 1.	
	5	Nishiwaki et al. "Preparation of Zn Doped Cu(InGa)Se2 Thin Films by Physical Vapor Deposition for Solar Cells. Solar Energy Materials & Solar Cells. 01 June 2003, Vol. 77, No. 4, pgs 359-368, especially pgs. 360-361.	
	6	Yamada et al. "Buried pn Homojunction in Cu(InGa)Se2 solar cells formed by intentional Zn doping. In: Conference Record of the 28th Photovoltaic Specialists Conference. IEEE, 15-22 September 2000, pgs 462-465, epecially pg. 462.	
	7	Delahoy et al. "Charging and Discharging of Defect States in CIGS/ZnO Junctions. Thin Solid Films. 2000, Vol. 361-362, pgs. 140-144, especially pg. 361.	

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